

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

10/026767  
12/27/01  
JC503 U.S. PTO  


In re U.S. Patent Application of )  
YOSHIBA *et al.* )  
Application Number: To Be Assigned )  
Filed: Concurrently Herewith )  
For: TRANSGENIC RICE PLANT AND ITS FAMILY WITH )  
ENVIRONMENTAL STRESS RESISTANT BY PROLINE )  
ACCUMULATION OF HIGH LEVEL AND ITS )  
PRODUCTION )

#4  
AP  
4/7/02

**Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231**

**INFORMATION DISCLOSURE STATEMENT**

Sir:

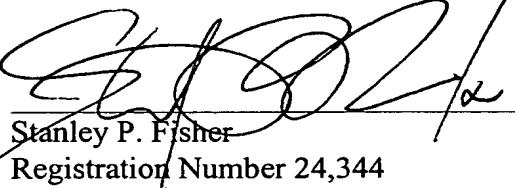
Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

This Information Disclosure Statement is submitted with the initial application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

  
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**December 27, 2001**

U.S. Department of Commerce  
Patent and Trademark Office

Information Disclosure Statement by Applicant

APPLICANT  
YOSHIBA et al.FILING DATE  
Concurrently Herewith1503 U.S. PRO  
10/026767

12/27/01

## U.S. Patent Documents

Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

## Foreign Patent Documents

Examiner Initial		DOCUMENT NUMBER	FILING DATE	COUNTRY	CLAS S	SUB-CLASS	TRANSLATION	
							YES	No
		09-266726	3/29/96	Japan			Abstract	X

## Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

		Yoshu Yoshiha, Tomohiro Kiyosue, Kazuo Nakashima, Kazuko Yamaguchi-Shinozaki and Kazuo Shinozaki, "Regulation of Levels of Proline as an Osmolyte in Plants under Water Stress", Plant Cell Physiol., 38(10): (1997) pp. 1095-1102
		Yoshu Yoshiha, Tomohiro Kiyosue, Takeshi Katagiri, Hiroki Ueda, Tsuyoshi Mizoguchi, Kazuko Yamaguchi-Shinozaki, Keishiro Wada, Yoshinori Harada and Kazuo Shinozaki, "Correlation between the Induction of a Gene for $\Delta^1$ -Pyrroline-5-Carboxylate Synthetase and the Accumulation of Proline in Arabidopsis Thaliana Under Osmotic Stress", The Plant Journal (1995) 7(5), pp. 751-760
		Yumiko Igarashi, Toshu Yoshiha, Yukika Sanada, Kazuko Yamaguchi-Shinozaki, Keishiro Wada and Kazuo Shinozaki, "Characterization of the Gene for $\Delta^1$ -Pyrroline-5-Carboxylate Synthetase and Correlation between the Expression of the Gene and Salt Tolerance in Oryza sativa L.", Plant Molecular Biology, (1997) pp. 857-865.
		Tomohiro Kiyosue, Yoshu Yoshiha, Kazuko Yamaguchi-Shinozaki and Kazuo Shinozaki, "A Nuclear Gene Encoding Mitochondrial Proline Dehydrogenase, an Enzyme Involved in Proline Metabolism, is Upregulated by Proline but Downregulated by Dehydration in Arabidopsis", The Plant Cell, Vol 8, (August 1996), pp. 1323-1335.
EXAMINER		DATE CONSIDERED

*EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant*